

III. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method for validating remotely cached dynamic content web pages, comprising:

analyzing a plurality of parts of a response to a client request to identify a plurality of attributes thereof, wherein the attributes identify a set of dependencies of the content on sources of dynamic content;

determining a cacheability of the response, the sources of dynamic content in the response and the set of dependencies on the sources;

generating an entity tag based on the cacheability, the sources and the set of dependencies, wherein the entity tag identifies the sources and includes cacheability flags and time values associated with the set of dependencies;

returning and caching the response and the entity tag on the client;

receiving a subsequent request from the client with the entity tag; and

analyzing the entity tag by comparing time values within the entity tag associated with the set of dependencies to corresponding time values for the sources to determine if the cached response is valid, wherein the comparison is made without evaluating or rebuilding the response.

2. (Original) The method of claim 1, further comprising:

sending a status code to the client if the cached response is valid; and

displaying the cached response.

3. (Original) The method of claim 1, further comprising

generating a new response if the cached response is not valid;

determining a cacheability of the new response, sources of dynamic content in the new response and a set of dependencies on the sources of the dynamic content in the new response;

generating a new entity tag based on the cacheability of the new response, the sources of dynamic content in the new response and the set of dependencies on the sources of the dynamic content in the new response; and

returning and caching the new response and the new entity tag on the client.

4. (Previously presented) The method of claim 1, wherein the analyzing step comprises:

decoding the entity tag;

identifying the sources; and

determining if the cached response is valid, wherein the cached response is valid if the time values within the entity tag match the corresponding time values for the sources.

5. (Original) The method of claim 1, wherein the set of dependencies comprises at least one of a database design, database data, and document data.

6. (Previously presented) The method of claim 1, wherein the returning and caching step comprises:

encoding the entity tag; and

returning the entity tag to the client in a header accompanying the response.

7. (Previously presented) The method of claim 1, wherein the determining step comprises creating the cacheability flags based on the set of dependencies, and wherein the entity tag includes the cacheability flags.

8. (Original) The method of claim 7, wherein the entity tag further includes a version number, a database design time value and a data time value.

9. (Original) The method of claim 8, wherein the entity tag further comprises at least one of a document identifier and a user name.

10. (Previously presented) A method for validating remotely cached dynamic content web pages, comprising:

analyzing a plurality of parts of a response to a client request to identify a plurality of attributes thereof, wherein the attributes identify a set of dependencies of the content on sources of dynamic content;

determining a cacheability of the response, the sources of dynamic content in the response and the set of dependencies on the sources;

generating an entity tag, wherein the entity tag identifies the sources and includes cacheability flags and time values associated with the set of dependencies;

returning and caching the response and the entity tag on the client;
receiving a subsequent request for the dynamic content web page from the client with the entity tag; and
comparing the time values in the entity tag with corresponding time values for the sources to determine if the cached response is valid, wherein the comparison is made without evaluating or rebuilding the response.

11. (Original) The method of claim 10, further comprising:

sending a status code to the client if the cached response is valid; and
displaying the cached response.

12. (Original) The method of claim 10, further comprising

generating a new response if the cached response is not valid;
determining a cacheability of the new response, sources of dynamic content in the new response and a set of dependencies on the sources of the dynamic content in the new response;
generating a new entity tag, wherein the new entity tag identifies the sources of the dynamic content in the new response, and includes cacheability flags and time values associated with the set of dependencies on the sources of the dynamic content in the new response; and
returning and caching the new response and the new entity tag on the client.

13. (Original) The method of claim 10, wherein the analyzing step comprises:

identifying the sources based on the entity tag received with the subsequent request; and

comparing the time values within the entity tag to corresponding time values for the sources to determine if the cached response is valid, wherein the cached response is valid if the time values within the entity tag match the corresponding time values for the sources.

14. (Original) The method of claim 10, wherein the time values comprise a database design time value and a data time value.

15. (Original) The method of claim 10, wherein the set of dependencies comprises at least one of a database design, database data, and document data.

16. (Original) The method of claim 10, wherein the entity tag further comprises at least one of a version number, a document identifier and a user name.

17. (Original) The method of claim 10, wherein the returning and caching step comprises:
encoding the entity tag; and
returning the entity tag to the client in a header accompanying the response.

18-33. (Canceled).